



CCVL
Declaration and Power of Attorney Patent Application
(Design or Utility)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SEMICONDUCTOR OPTICAL DEVICE HAVING ASYMMETRIC RIDGE WAVEGUIDE
AND METHOD OF MAKING SAME**

the specification of which

is referred to by Altera reference number 980.1117-US-U1 on a separate document
 is attached hereto
 was filed on September 8, 2003 as application serial no. 10/657807 and or PCT International Application number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 35 U.S.C. §365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate of PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)		
Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)	
Serial Number 60/409730	Day/Month/Year Filing Date 09/11/2002
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer No. 38846

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Please direct all correspondence in this case to Iain A. McIntyre at the address indicated below:

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Full Name of Sole or First Inventor		
Family Name CAI	First Given Name Li	Second Given Name
Residence and Citizenship		
City of Residence Fayetteville	State or Country of Residence Arkansas	Country of Citizenship USA
Post Office Address		
Street Address 4407 West Trillium Lane	City Fayetteville	State & Zip Code or Country Arkansas 72704
Signature of Inventor		Date

Full Name of Second Inventor, if any		
Family Name VanHove	First Given Name James	Second Given Name M.
Residence and Citizenship		
City of Residence Superior	State or Country of Residence Colorado	Country of Citizenship USA
Post Office Address		
Street Address 1442 Eldorado Drive	City Superior	State & Zip Code or Country Colorado 80027
Signature of Inventor <i>James M. Van Hove</i>		Date <i>2-15-04</i>

Full Name of Second Inventor, if any		
Family Name McElhinney	First Given Name Mark	Second Given Name
Residence and Citizenship		
City of Residence Oro Valley	State or Country of Residence Arizona	Country of Citizenship U.K.
Post Office Address		
Street Address 11471 North Charoleau Drive	City Oro Valley	State & Zip Code or Country Arizona 85737
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Post Office Address		
Street Address 4407 West Trillium Lane	City Fayetteville	State & Zip Code or Country Arkansas 72704
Signature of Inventor 	Date 02/14/04	

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Family Name VanHove	First Given Name James	Second Given Name M.
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Signature of Inventor	Date	

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Family Name McElhinney	First Given Name Mark	Second Given Name
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CCVL Reference No.: 1010.8117UU

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Signature of Inventor <i>Mark McElhinney</i>	Date 4/21/04	